

## Bat-series Delta Robot

# Bat1300C-S6

It features high speed and agility, high positioning accuracy, and strong power, facilitating high-speed and high-precision flexible production.

#### Applicable industries

Sorting, handling, loading and unloading, boxing, gluing, and other links in electronics, food, medicine, daily chemicals, logistics, and new energy.

#### Product features

Rated load	6kg
Working space diameter	1300mm
Repeat positioning accuracy	$\pm 0.05$ mm
Configuration	Standard 3-axis

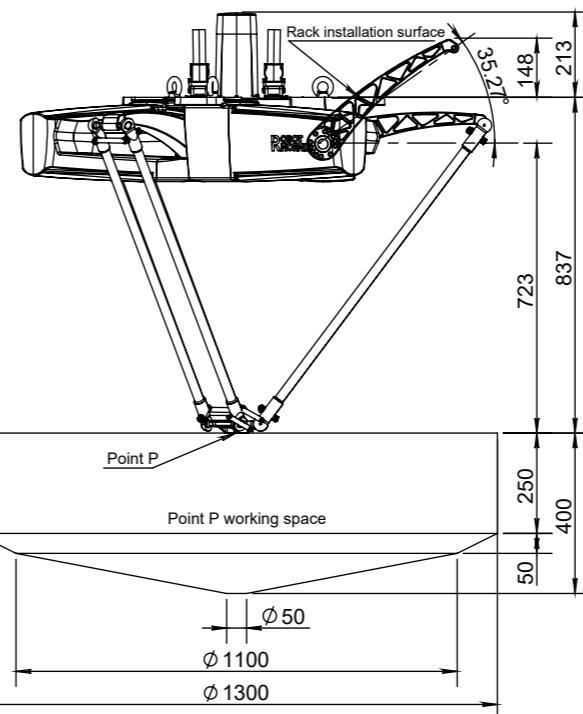


#### Specification

	Bat1300C-S6	
Rated load	6kg	
Max. load	14kg	
Working space diameter	1300mm	
Number of axes	3	
Repeat positioning accuracy	$\pm 0.05$ mm	
25/305/25	0.1kg	0.24s
	1kg	0.25s
	3kg	0.27s
	6kg	0.31s
90/400/90	0.1kg	0.35s
	1kg	0.36s
	3kg	0.39s
	6kg	0.43s
Power supply voltage	Three-phase AC 380 V $\pm 10\%$ , 50/60 Hz	
Rated power	5.6KW	
Ambient temperature	0-45°C	
Relative humidity	5-95%	
Degree of protection	IP54	
Safety	Equipped with monitoring, emergency stop, and installation functions	
Radiation	EMC shielding	
Installation method	Suspended type	
Weight of the robot body	95kg	
I/O interface	4-channel configurable digital I/O 8-channel universal digital I/O (8 additional I/O channels can be added) 2-channel encoder input	
Ethernet	2	
USB	2	
RS232\RS485	1	
EtherCAT	1	
Communication protocol	Modbus-RTU/TCP、Socket	
Certification	CE	

\*: For specific requirements regarding line selection, interface configuration, and other optional needs, please consult the technicians of RobotPhoenix.

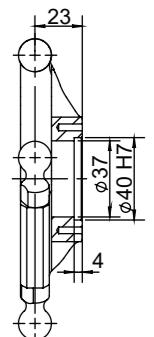
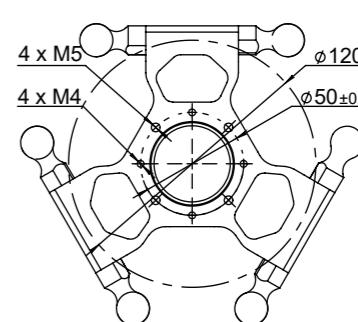
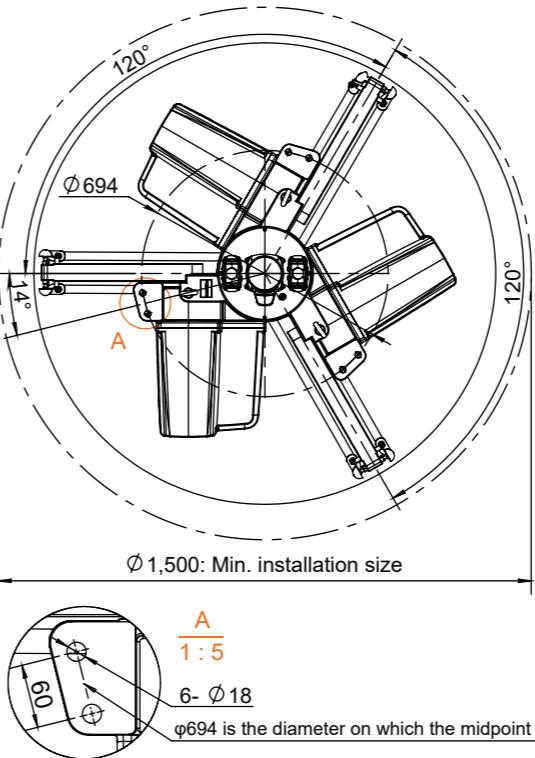
#### Working range



#### Model

Model	Bat1300C-S6
Distance from installation surface to top of equipment	213mm
Max. upper arm elevation and horizontal plane angle	35.27°
Max. elevation of the upper arm to the height of the installation surface	148mm
Distance from installation surface to upper plane of working space	837mm
Distance from the reducer shaft center to the upper plane of the working space	723mm
Total height of the upper and lower limits of the working space	400mm
Height of the cylindrical part of the working space	250mm
Height of the conical frustum part of the working space	50mm
Transition diameter of the conical column in the working space	1100mm
Bottom diameter of the conical column in the working space	50mm
Diameter of the circular table part of the working space	1300mm
Min. installation size of the robot body	1500mm

#### Installation size



\*: Any changes resulting from upgrading our products will not be notified separately.